

Figure 1

Client

Hello ----->

Server

<----- Challenge: S, R_s
($S = \text{ServerId}$)

Response-and-Counter-Challenge:
 $C, R_c, \text{MAC}_{PC}\{S+R_s+C+R_c+\text{"Client"}\}$ ---->

($C = \text{ClientId} = \text{UserId}$)

<----- Response:
 $\text{MAC}_{PC}\{S+R_s+C+R_c+\text{"Server"}\}$

Figure 2

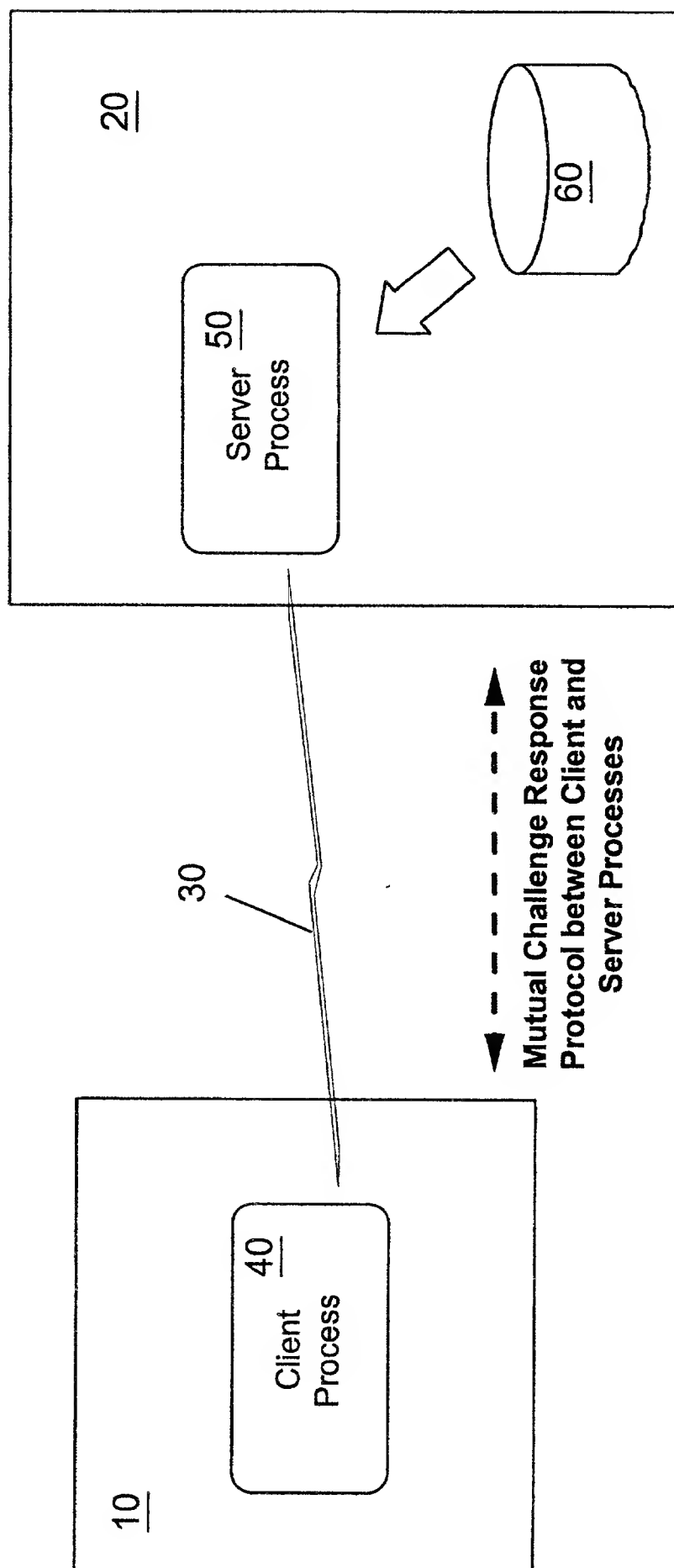


Figure 3

